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09/842,047	04/26/2001	Yasuo Fukuda	Q64291	6518
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	11, DC 20037 3213		ART UNIT	PAPER NUMBER
			3729	
			DATE MAILED: 09/05/2003	//
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Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Applicant(s) 09/842,047 FUKUDA ET AL. Advisory Action **Examiner Art Unit** Tim Phan 3729 --Th MAILING DATE of this communication appears on the cover she t with the correspondence address --THE REPLY FILED 21 August 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. PERIOD FOR REPLY [check either a) or b)] a) The period for reply expires <u>3</u> months from the mailing date of the final rejection. b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action, or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). 1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal. 2. The proposed amendment(s) will not be entered because: (a) they raise new issues that would require further consideration and/or search (see NOTE below); (b) they raise the issue of new matter (see Note below); (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) they present additional claims without canceling a corresponding number of finally rejected claims. NOTE: . 3. Applicant's reply has overcome the following rejection(s): 4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____. 6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection. 7. \boxtimes For purposes of Appeal, the proposed amendment(s) a) \boxtimes will not be entered or b) \square will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: None. Claim(s) objected to: None. Claim(s) rejected: 4-7 and 25-31. Claim(s) withdrawn from consideration: ____ 8. The proposed drawing correction filed on ____ is a) approved or b) disapproved by the Examiner. 9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s). _____. 10. Other: See Continuation Sheet

Continuation of 10. Note:

Assuming Applicants' Amendment does not need further consideration and/or search, Applicants appear not to understand the express language in inter alia Column 9, line 47ff of the '272 (Okino et al). Indeed the '272 does teach a wet etching step (Cf. column 3, lines 21-24) for etching the conductive probe into an acute probe pin (Cf. column 3, line 27). It appears that Applicants' step of etching the probe into sharp point is essentially the same that taught in the '272 (Cf. the '272, Fig. 4c-4e and Applicants', Fig. 9c-9e). The acute probe pin of the '272 is formed as sharp as the Applicants. Further, the acute probe pin of the '272 can easily puncture or pierce any corresponding electrode, depending on the hardness, number of probe pins and pressure involved. Moreover the same processing step of the '272 can etch a similar probe tip from a dull point to a very sharp one.

With regard to the 112 Rejection of Claim 31, Applicants' remarks about the "beveled gear-shaped cross section of the pointed bumps" (Cf. Applicants, Fig. 1A and 8B) are not well taken. "bevel gear" as defined in the accompanying page (Cf. Merriam-Webster's Collegiate Dictionary, 1998, Page 109), this definition allows the language to be within the teaching of the '272 (Cf. Fig. 4e).

Subsequent claims rejected under 35U.S.C. 103 continue to be rejected as stated in Paper No. 7 (December 20th 2002). Furthermore, the Patent Office saith not..

(1)

CARL J. ARBES PRIMARY EXAMINER 1 -ties (14c) 1 or gratification tween a human

ur-ies [ML bes 40) 1: a medi-e and habits of tions of real or

edding

e at STOW] (14c) 2: to put in a e with quarters upon syn see

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to stake on the b: b: to be able t (you ~ I'll be : to make a bet

t fr. Gk bēta, of ter of the Greek : a measure of a rically as devia-

an organic mol-— often used in

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f drugs (as pro-y blood flow by ing \-kiŋ\ adj carotene found

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telegisted of Orion shoulder of Orion shoulder of the better palm (fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its being chewed with bettel leaves] (1681): the astrinbettel nut n [fr. its

peter new of the betel palm gent seed of the betel palm n (1875): an Asian pinnate-leaved palm (Areca catechu) betel palm n (1875): an Asian pinnate-leaved palm (Areca catechu) that has an orange-colored drupe with an outer fibrous husk bête noire \beta bet-'nwär, \bar, \bar \lambda t \n, \bar \lambda t \text{bets noires} \beta \beta t-'nwär(z), \bar \bar \text{bat} \\
\text{it}, \text{lit}, \bar \text{bat} \\ \text{bast} \text{ [1844}): a person or thing strongly detested or avoided: \text{BUGBEAR} \\
\text{beth} \text{bas} \\ \text{bas} \\ \text{n} \text{ [Heb \text{beth}, fr. \text{bayith} \text{ house}] (ca. 1823): the 2d letter of the Hebrew alphabet — see Alphabet table letter of the Hebrew alphabet — food (ca. 1617): a hallowed spot 2 a: a chapel for Nonconformists b: a place of worship for seamen

ship for seamen
be-think \bi-'think\ vt -thought \-'think\ ing (bef. 12c) 1 a
be-think \bi-'think\ vt -thought \-'think\ ing (bef. 12c) 1 a
cause (oneself) to consider
cause (oneself) to consider
be-tide \bi-'tid\ vi (12c): to happen esp. as if by fate \simes vt: to happen
to: BEFALL — used chiefly in the phrase woe betide (woe \simes our enemies)

mies)
be-times \bi-'timz\ adv (13c) 1: in good time: EARLY 2 archaic: in a short time: SPEEDILY 3: at times: OCCASIONALLY be-tise \bā-'tēz\ n, pl bê-tises \\-'tēz\ [F] (1827) 1: an act of foolishness or stupidity 2: lack of good sense: STUPIDITY be-to-ken \bi-to-ken \bi-to-k

(15c) 1: 10 (15c) (15c)

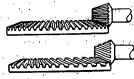
octions bet-ta 'be-to\ n [NL] (1927): any of a genus (Betta) of small brillanily colored long-finned freshwater fishes of southeastern Asia; esp

BEST AVAILABLE COPY betwixt and between adv or adj (1832): in a midway position: nei-

betwixt and between adv or adj (1832): in a midway position: neither one thing nor the other
Beu-lah 'hybu-lə', n: an idyllic land near the end of life's journey in
Bunyan's Pilgrim's Progress
beurre blane 'bər-bla'\ n [F, lit., white butter] (1931): a hot butter
sauce (as for fish) flavored with vinegar or lemon juice
beurre ma-nie \-main-'ya\ n [F, lit., handled butter] (1939): flour and
butter kneaded together used as a thickener in sauces
beurre noir \-'nwar\ n [F, lit., black butter] (1856): butter heated
until brown or black and often flavored with vinegar or lemon juice
'bevel n' (lassumed) MF, fr. OF bal' with open mouth, fr. baer to yawn
—more at ABEYANCE] (1610) 1: an instrument consisting of two
rules or arms jointed together and opening to any angle for drawing
angles or adjusting surfaces to be cut at an angle 2 a: the angle that
one surface or line makes with another when they are not at right angles b: the slant of such a surface or line 3: the part of printing
type extending from face to shoulder
'bevel wb-eled or-elled; el-ing or-el-ling \'bev-lin, 'be-v>-\ wt (1677)
: to cut or shape to a bevel \sim wi NICLINE, SLANT
bevel gear 'n (1833): either of a
pair of toothed wheels whose
working surfaces are inclined to

pair of toothed wheels whose working surfaces are inclined to nonparallel axes

nonparallel axes
bev-er-age \bev-rij, be-v>\ n
[ME, fr. MF bevrage, fr. beivre to
drink, fr. L bibere — more at POTABLE] (14c): a drinkable liquid
bevy. \bev-v2 n. p bev-les [ME
bevey] (15c) 1: a large group or
collection (a ~ of girls) 2: a
group of animals and esp. quail
together
beverall \begin{subarray}{c} \text{together} \text{together}
\text{together}



bevel gears

 $\dot{}$

together
be-wall \bi-\wa(2)\\ vt \((14c)\) 1: to wail over 2: to express deep sorrow for usu. by wailing and lamentation \(\sin \text{minging her hands and } \sin \text{ing}
her fate\) \(\sin \text{syn}\) see DEPLORE
be-ware \(\bi-\war, \text{-wer}\) \(\sin \text{ME}\) been war, fr. been to be + war careful
— more at BE, WARE \(\text{if } \text{if } \text{lec} \) it to be on one's guard \(\sin \text{of the dog} \) \(\sin \text{vt} \) 1: to take care of \((\sin \text{vy our wallet}\) 2: to be wary of \(\sin \text{em ust}\).
\(\sin \text{the exceedingly tenuous generalization} \)—Matthew Lipman\(\sin \text{the exceedingly tenuous generalization} \)—Matthew Lipman\(\sin \text{the exceedingly tenuous generalization} \).

more at BE. WARE! will (14c): to be on one's guard (~o) of the dog) ~ w1: to take care of (~your wallet) 2: to be wary of (we must. ~ the exceedingly tenuous generalization —Matthew Lipman) be whisk-kered \-'hwis-kord,-'wis-\add(1820): wearing whiskers be-wigged \bi-'wigd\add(1774): wearing a wig be-will-der \bi-'wil-dar\n' - will-dered; will-der-ling \-d(-)rin\n' (1684) 1: to cause to lose one's bearings 2: to perplex or confuse esp. by a complexity, variety, or multitude of objects or considerations syn sec e12ZLE — be-will-dered-ly-adv — be-will-dered-ness n — be-will-der-ing-ly-\d(-)rin-le\n' adv — be-will-dered-ness n — be-will-der-ing-ly-\d(-)rin-le\n' adv — be-will-dered-ness n — be-will-der-ing-ly-\d(-)rin-le\n' adv — be-will-der-denses n — be-will-der-ing-ly-\d(-)rin-le\n' adv — be-will-der-denses n — be-will-der-ing-ly-\d(-)rin-le\n' adv — be-will-der-denses n — be-will-be-will-der-ment\-\d' adr-ment\n' (1820) 1: the quality or state of being be-will-der-ment\-\d' b: to cast a spell over 2: to attract as if by the power of witcheraft: ENCHANT (~ed by her beauty) ~ wi: to be-witch-someone or something — be-witch-er-y-\wi-chi-\d' r\n' n — be-witch-ing-ly-\wi-chi-\d' r\n' n — be-witch-ing-ly-\wi-chi-\d' r\n' n — be-witch-ing-ly\-\wi-chi-\d' r\n' n — be-witch-ing-ly\-\wi-chi-\d' r\n' n — be-witch-ing-ly\-\wi-chi-\d' r\n' n — be-witch-de-wray \bi-\d' \alpha\n' n | [ME, fr. be- + wreyen to accuse, fr. OE wregan, akin to OHG ruogen to accuse [(13c) archaic: DivULGE BETRAY bey \bar{ba} n | Turk, gentleman, chief [(1595) 1 a: a provincial governor in the Ottoman Empire b: the former native ruler of Tunis or Tunisia 2—used as a courtesy title in Turkey and Egypt \be-\del be-wond \be-\d' and \alpha\n' (fr. geond yond — more at yond) (bef. 12c) 1: on or to the farther side of: at a greater distance than 2 a: out of the reach or sphere of b: in a degree or amount surpassing c: out of the comprehension of 3: in addition to: BESIDES

*Beyond n (14c) 1: something that lies beyond 2: something that

amount surpassing c: out of the comprehension of 3: in addition to: BesiDes

Jbeyond n (14c) 1: something that lies beyond 2: something that lies outside the scope of ordinary experience; specif: HEREAFTER

Bezanti 'be-z'nt', bo-z'ant', n** [ME besant, fr. OF, fr. ML Byzantius

Byzantine, fr. Byzantium, ancient name of Istanbul] (13c) 1: SOLIDUS

1 2: a flat disk used in architectural ornament

be-zel 'be-zel, 'be-\ n** [prob. fr. dial. form of F biseau bezel, fr. MF]

(ca. 1616) 1: a rim that holds a transparent covering (as on a watch, clock, or headlight) or that is rotatable and has special markings (as on a watch) 2: the oblique side of face of a cut gem; specif: the upper faceted portion of a brilliant projecting from the setting — see BRILLIANT illustration 3: a usu. metal rim of a piece of jewelry in which an ornament (as a gem) is set

be-zique 'bo-zek', n** [F bézique] (1861): a card game similar to pinochle that is played with a pack of 64 cards

be-zoar 'be-zor, -zor', n** [MF, fr. ML, fr. Ar dial. bezuwâr, fr. Ar bézahr, fr. Per pid-zahr, fr. pād protecting (against) + zahr poison]

(1577): any of various calculi found chiefly in the gastrointestinal organs and formerly believed to possess magical properties — called also bezoar stone

also bezoar stone

also bezoar stone

B-girl n [prob. fr. bar + girl] (1936): a woman who entertains bar patrons and encourages them to spend freely

BHA \beta_ba_c\alpha_c\bar ba_r\bar h [butylated hydroxyanisole] (1950): a phenolic antioxidant C_1H₁₆O₂ used esp. to preserve fats and oils in food

Bha_ga_vad G1-ta \bar ba_ga_vad-ge-ta\n [Skt Bhagavadgitā, lit., song of the blessed one (Krishna)] (ca. 1785): a Hindu devotional work in

poetic form

bhak-ti \'bek-të\ n [Skt, lit., portion] (1832): devotion to a deity constituting a way to salvation in Hinduism

\a\abut \\ kitten, F table \ar\ further \a\ ash \a\ace \a\ mop, mar \au\out \ch\chin \e\ bet \e\ easy \g\ go \i\ hit \I\ ice \j\ job \n\ sing \o\ go \o\ law \oi\ boy \th\ thin \the \ii\ loot \u\ foot \y\ yet \zh\ vision \a, k, ", ce, &, ue, ue, \vec{y}\ see Guide to Pronunciation